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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,973	07/30/2003	Michael J. Matusek	OTD-030256-US	9518
27778	7590	01/18/2006	EXAMINER	
COOPER CAMERON CORPORATION PO BOX 1212 HOUSTON, TX 77251-1212			GAY, JENNIFER HAWKINS	
			ART UNIT	PAPER NUMBER
			3672	
DATE MAILED: 01/18/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary	Application No.	Applicant(s)	
	10/629,973	MATUSEK ET AL.	
	Examiner	Art Unit	
	Jennifer H. Gay	3672	

All participants (applicant, applicant's representative, PTO personnel):

(1) Jennifer H. Gay. (3)_____.

(2) Steve Rosenblatt. (4)_____.

Date of Interview: 11 January 2006.

Type: a) ☒ Telephonic b) ☐ Video Conference

c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☒ Yes e) ☐ No.

If Yes, brief description: Attachement A.

Claim(s) discussed: 1-30.


Identification of prior art discussed: Wightman et al. (US 4,712,621).

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.


Jennifer H. Gay
Primary Examiner

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant submitted purposed amendments to the claims (Attachement A) to overcome the 35 USC 112(1) rejection of claims 19-30 and the rejection of the claims over Wightman et al. Regarding the 35 USC 112(1) rejection, applicant amended claims 19-30 to recite a "mandrel assembly" thus eliminating the confusion over the location of the latching elements on the mandrel instead of the tubular body as recited in the previously filed claims as the "mandrel assembly" of claim 19-30 now includes the tubular body. With regards to the rejection of the claims over Wightman et al., applicant amended the claims to indicate that it is an "upper end connection" of the mandrel that does not rotate during the operation of the tool. After reviewing the reference, the examiner concluded that as applied Wightman et al. could still be used to reject the amended claims. However, a closer reading of the claims showed that element 19 should not have been used to indicate the mandrel as it is not capable of carrying a tubular body as specifically recited in claims 1 and 12. Therefore, element 13 should have been used to indicate the mandrel and element 19 the tubular body and element 13 is clearly rotated to operate the tool. Applicant to file amendment formally.

Attachment A

01-06-2006 11:38am From-COOPER CAMERON PATENTS & TRADEMARKS 713 939 2856 T-582 P.002 F-057

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Customer No. 27778

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: Michael J. Matusek et al.	§Examiner: Jennifer Hawkins-Gay
Serial No. :10/629,973	§Group Art Unit: 3672
Filing Date: July 30, 2003	§Attorney Docket: OTD030256-US
Title: Non-rotational Casing Hanger and	§
Seal Assembly Running Tool	§

PROPOSED AMENDMENTS

VIA FAX: 571-273-7029

Dear Examiner Hawkins-Gay:

For the purposes of discussion, Applicants respectfully submit the following proposed amendments. These amendments are not to be entered into the record. Additionally, Applicants thank the Examiner for participating in a conference with Applicants' representative, Steve Rosenblatt. The Examiner is sincerely invited to contact Mr. Rosenblatt if there are any questions or comments.

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IN THE CLAIMS

1. (Currently amended) An installation tool for landing a hanger, supported by a tubular string, and setting a seal assembly in the annulus between the hanger and a surrounding tubular, comprising:

a mandrel having an upper end connection connectable to connect to the tubular string and a bore therethrough;

a tool body having a lower end adapted for connection to the hanger, said tool body carried by said mandrel, said mandrel and said tool body axially moveable relative to one another;

at least one first connector positioned on said tool body for releasably connecting said tool body to the hanger without ~~mandrel~~ rotation of said upper end connection;

at least one second connector positioned on said tool body for releasably connecting said tool body to the seal assembly;

a pressure responsive shuttle piston on said mandrel, said shuttle piston is axially moveable to urge the seal assembly into the annulus between the hanger and the surrounding tubular in which said hanger is landed, without rotation of said upper end connection of mandrel that is connectable to the tubing string; and,

said mandrel having a valve positioned in said mandrel bore, said valve operable between open and closed positions by axial movement of said mandrel relative to said tool body.

2. (Previously presented) The tool of Claim 1, wherein:
said tool body includes a main body, an upper body and a lower body; and,
said main body supporting said at least one second connector for releasably connecting said tool body to the seal assembly.

3. (Previously presented) The tool of Claim 2, wherein:
said at least one first connector is located on said lower body.

4. (Previously presented) The tool of Claim 3, wherein:
said upper body comprises a frangible connector securing said upper body to said pressure responsive shuttle piston prior to the seal assembly being urged into the annulus between the hanger and the surrounding tubular.

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5. (Previously presented) The tool of Claim 4, wherein:

said pressure responsive shuttle piston further comprises at least one actuator rod secured to an actuator rod head, said actuator rod head connected to said shuttle piston by a second frangible connector that is broken when the seal is urged into the annulus between the casing hanger and the surrounding tubular.

6. (Previously presented) The tool of Claim 5, wherein:

said lower body includes a plurality of latching dogs spaced circumferentially thereon, said latching dogs urged into engagement with the hanger by axial movement of a latching ring positioned on said mandrel when said mandrel is axially moved relative to said lower body.

7. (Previously presented) The tool of Claim 6, wherein:

said tool body and said shuttle piston comprise at least one flow return passage, said flow return passage cooperating with at least one flow return passage in the hanger to allow cementing of a string attached to the lower end of the hanger prior to urging the seal assembly into the annulus between the hanger and the surrounding tubular.

8. (Previously presented) The tool of Claim 7, wherein:

said lower body operably connected to said valve by a pin for rotating a ball in said valve between said open and closed positions.

9. (Previously presented) The tool of Claim 8, wherein:

said at least one second connector comprises at least one latching segment for retaining the seal assembly in a position axially displaced above the casing hanger during installation, said at least one latching segment when presented as a plurality of latching segments has them circumferentially spaced around said main body of said tool body.

10. (Previously presented) The tool of Claim 9, wherein:

said plurality of latching segments are released from the seal assembly by pressure applied in the bore of said mandrel which shifts said shuttle piston relative to said tool body.

11. (Previously presented) The tool of Claim 10, wherein:

said frangible connector secures said upper body to said pressure responsive shuttle piston prior to the seal assembly being urged into the annulus between the hanger and the surrounding tubular and further comprises at least one bolt .

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12. (Currently amended) An installation tool for landing a hanger in a surrounding tubular and setting a seal assembly in the annulus between the hanger and surrounding tubular, comprising:

a mandrel having an upper end ~~for connection to~~ connect to a first string of pipe and a bore therethrough;

a tool body having a lower end for connection to a second string of pipe, said tool body carried by said mandrel;

said tool body having a main body, an upper body and a lower body, said mandrel and said tool body axially moveable relative to one another, at least one latching dog positioned circumferentially on said tool body for releasably connecting said tool body to the hanger;

at least one latching segment on said tool body for releasably connecting said tool body to the seal assembly, without rotation of said upper end connection of said mandrel ~~that is connectable to the first string;~~

a pressure responsive shuttle piston on said mandrel, said shuttle piston axially moveable to urge the seal assembly into the annulus between the hanger and the surrounding tubular in which said hanger is landed; and,

said mandrel having a ball valve positioned in said mandrel bore, said ball valve operable between open and closed positions by axial movement of said mandrel relative to said tool body.

13. (Previously presented) The tool of Claim 12, wherein:

said upper body is secured to said pressure responsive shuttle piston prior to said the seal assembly being urged into the annulus between the hanger and the surrounding tubular.

14. (Previously presented) The tool of Claim 13, wherein:

said pressure responsive shuttle piston further includes at least one actuator rod secured to an actuator rod head, said head selectively connected to said shuttle piston for release when the seal is urged into the annulus between said ~~casing~~ hanger and the surrounding tubular.

15. (Previously presented) The tool of Claim 14, wherein:

said latching dog is urged into engagement with the hanger by axial movement of a

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latching ring positioned on said mandrel when said mandrel is axially moved relative to said-tool body.

16. (Previously presented) The tool of Claim 15, wherein:

said tool body and said shuttle piston comprising at least one flow return passage, said flow return passage cooperating with at least one flow return passages in the hanger to allow cementing of a tubular string attached to the lower end of said hanger prior to urging the seal assembly into the annulus between said hanger and the surrounding tubular.

17. (Previously presented) The tool of Claim 16, wherein:

said tool body comprises a ball pin for operating said ball valve by axial movement of said mandrel relative to said tool body.

18. (Previously presented) The tool of Claim 17, wherein:

said latching segment is released from the seal assembly by pressure applied in the bore of said mandrel which shifts said shuttle piston relative to said tool body.

19. (Currently amended) An assembly for delivering a tubular string into a surrounding tubular for support in the surrounding tubular, comprising:
a mandrel assembly having an upper end adapted for connection to a delivery string;
a gripping member on said mandrel assembly for selective release from the tubular string, without rotation of said upper end connection of said mandrel, after delivery of said tubular string to a supported position in the surrounding tubular;
a seal member on said mandrel assembly selectively actuatable by said mandrel assembly into an abutting relation with the surrounding tubular.

20. (Currently amended) The assembly of claim 19, wherein:

said gripping member is selectively initially engaged to the tubular string for delivery to a supported position in the surrounding tubular without ~~mandrel~~ rotation of said upper end connection.

21. (Currently amended) The assembly of claim 20, wherein:

said seal member is actuatable by said mandrel without rotation of said upper end connection.

22. (Currently amended) The assembly of claim 19, wherein said mandrel assembly

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further comprises ~~comprising~~:

a mandrel;

a tool body slidably mounted to said mandrel and supporting the tubular string.

23. (Previously presented) The assembly of claim 22, further comprising:

a through passage in said mandrel and a valve mounted in said passage, said valve actuatable by relative sliding movement between said mandrel and said tool body.

24. (Previously presented) The assembly of claim 23, further comprising:

a piston actuated by pressure within said passage when said valve is in a closed position to actuate said gripping member and said seal member in a predetermined order.

25. (Currently amended) The assembly of claim 24, wherein:

said gripping member comprises a plurality of circumferentially spaced latching dogs;

said seal member is releasably mounted to said tool body to allow said mandrel and tool body to be removed from the surrounding tubular while leaving the tubular string supported in the surrounding tubular and said seal member likewise supported in the surrounding tubular.

26. (Currently amended) An assembly for delivering a tubular string into a surrounding tubular for support in the surrounding tubular, comprising:

a mandrel assembly having an upper end adapted for connection to a delivery string;

a gripping member on said mandrel assembly for selective initial engagement to the tubular string, without rotation of said upper end connection of said mandrel, for delivery of said tubular string to a supported position in the surrounding tubular;

a seal member on said mandrel assembly selectively actuatable by said mandrel assembly into an abutting relation with the surrounding tubular.

27. (Currently amended) The assembly of claim 26, wherein said mandrel assembly further comprises ~~comprising~~:

a mandrel;

a tool body slidably mounted to said mandrel and supporting the tubular string.

28. (Previously presented) The assembly of claim 27, further comprising:

a through passage in said mandrel and a valve mounted in said passage, said valve

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actuable by relative sliding movement between said mandrel and said tool body.

29. (Previously presented) The assembly of claim **28**, further comprising:

a piston actuated by pressure within said passage when said valve is in a closed position to actuate said gripping member and said seal member in a predetermined order.

30. (Previously presented) The assembly of claim **29**, wherein:

said gripping member comprises a plurality of circumferentially spaced latching dogs;

said seal member is releasably mounted to said tool body to allow said mandrel and tool body to be removed from the surrounding tubular while leaving the tubular string supported in the surrounding tubular and said seal member likewise supported in the surrounding tubular.

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Respectfully submitted,

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